PROTECTION AGAINST FIRE IN FACTORIES

Mr. Porter Shows Superiority of Sectional Buildings Over Fire Escapes.

This is an age in which even those things which were formerly supposed to be governed by chance are being reduced to sciences. Mr. H. J. P. Porter at the Mechanical Engineering Society talk yesterday showed how protection from fire has been reduced to a science. He himself has been the chief contributor to this knowledge.

He first explained how he got into the study of the conditions existing in factories for the safeguarding of the lives of the superintendent of a factory which employed a large number of girls on each floor. The Boston Theater fire in Chicago and the fire in Baltimore shortly after inspired him to make a crusade in his own factory for the benefit of the lives of his employees. He made a thorough study of the conditions existing in the factories, both on the protected and unprotected sides, and was awarded the first and second individual prizes, respectively.

The drill was upon the annual fire marshals and superintendents, and was judged according to the manual in the U. S. Drill Regulations of 1911. The setup and general appearance in the contest counted. The judges were Sergt. Perry G. Schell, 3d Regt. M. V. M.; Maj. H. P. Bent, M. I. T. C. C.; and Maj. T. D. Parsons. The contestants were very evenly matched and nearly two hours' drill was necessary to pick out the winners. Three squads took part, the commands being given by Lieut.-Col. C. H. Chaffee, Maj. P. Keller and Col. F. P. Hamilton, respectively.

The entire Fresher regiment were interested spectators of the contest, and there were also a few outsiders, chiefly teachers, fond parents and lady friends of the contestants. The eight best men, in order of their excellence, were:

1. Richardson, Medford;
2. A. E. Bogrette, Medford;
3. R. W. Davis, Stoneham;
4. A. E. Bogrette, Medford;
5. R. H. Chaffee, Medford;
6. E. W. Davis, Stoneham;
7. T. D. Parsons, Medford;

The test winners will be described and the men will come out. The different departments will be described and the men will be given opportunity to select the phase of the work which most interests them.

M.E. SOCIETY

Nominations Complete—Ballots Ready for Voting.

The official ballots for the election of officers of the Mechanical Engineering Society have been printed and placed at the Cage. They must be filled out, signed and left at the Cage by 4 p.m. today.

The nominations are as follows:

Chairman: F. G. Purinton, '15;
Vice-Chairman: N. E. Kimball, '15;
Secretary: W. A. Houser, '15;
Treasurer: C. G. Norton, '15;
Vice-President: A. P. Palmer, '15.


CHAUNCY HALL CLUB

The limit of time set for handing in ballots for the Chauncy Hall Club elections has been extended to Friday, April 24th. All members who wish the club to continue are urged to vote, as the number of ballots will indicate the number of people in favor of its existence.

MEDITED WINS PRIZE DRILL

Individual Medals Carried Off by Richardson and Bogrette.

The annual interscholastic prize drill was held yesterday in the South Armory, six schools sending teams of three men each. The team prize, a suitably inscribed shield, was won by the Medford team, composed of Ernest Richardson, A. E. Bogrette and Edwin Baker. Richardson and Bogrette won the first and second individual prizes, respectively.

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The test winners will be described and the men will come out. The different departments will be described and the men will be given opportunity to select the phase of the work which most interests them.

GOV. WALSH TO SPEAK

Commonwealth Executive Guest of Catholic Club.

At 8 o'clock tonight Governor Walsh will speak in the Union, the guests of the Catholic Club. Deen Burton will also be a speaker of the meeting, to which everyone is invited. Governor Walsh is a member of the Catholic recreation, representative of the Commonwealth on that body. His talk promises to be of great interest to Technology students with their relations to the state.

The nomination papers for election of officers of the Catholic Club are due tomorrow at 4 p.m. The nominations will be considered closed at that time.

"A ROYAL JOHNNIE" AT DANA HALL GYM

Performance Tonight To be for Benefit of Wellesley College.

Tonight the Tech Show, cast and chorus, will give a performance for the benefit of the Wellesley College fire fund. It will be given at Dana Hall Gynasium, and all outside arrangements are under the supervision of the principal of Dana Hall.

This method of raising money has been considered since immediately after the fire, but the final arrangements were not completed until sharp Saturday. The management think that it would be showing good spirit if a large number of Technology students should be present at the production, as all profits are to be turned over to the sister college.

Bos. Tech Manager Charles R. Lee has obtained a very limited number of the tickets and will be in the Tech Show office today from 10 to 11 and from 1 until 2 o'clock. No seats are reserved. The price of admission is one dollar and a half.

A special train will leave Trinity Place at 4:45 this afternoon and will return at 11:55 tonight. Excursion rates are offered any undergraduates not connected with the Show who wish to go on the trip.

JUNE MONTHLY

Third Issue of Technology Monthly Goes To Press.

Copy for the third issue of The Technology Monthly must be in by April 27th, next Monday. The forms close at that time and no articles received afterwards can be considered for publication in the June issue, unless by special arrangement. The Board requests that any persons having items of interest and articles for publication will please communicate with one of the Editors at once.

FRESHMAN BASEBALL

After a day's work the Freshmen baseball team will try conclusions this afternoon with Brookline High School at the Cypress Street playground. The following men will meet at the corner of Clar. and Bayston streets at 1.50: Coach Frank; Stevens, Henderson, Simpson, Cady, Kendall, Medding, Story, Bell, Gardner, McQuaid, Gargan, Atkinson, Farnsworth, Rowe, Newall.

The opinions of a number of college presidents on the restriction of immigration and on the proposed literacy test have recently been made public. All of the educators questioned expressed disapproval of this test and all favor a liberal immigration policy.

WEATHER

ForBoston and Vicinity: Thursday, April 23, 1914.

COOL, brisk west to northwest winds.

CALENDAR

Thursday, April 23, 1914.

1.30-Technology Monthly Board Office.
2.00-1916 vs. 1917, at Field.
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7.30-Tech Show. Dana Hall, Wakefield.
8.00-Cosmopolitan Club. Union.
10.30-A. E. B. Hall, Wakefield.

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8.00-Cosmopolitan Club. Union.
10.30-A. E. B. Hall, Wakefield.

THE TECH CALLS FOR MEN FROM FIRST YEAR

Openings on Institute Daily Especially Promising to Freshmen.

THE TECH asks invites any students who wish to profitably invest some of their time in a live activity to become associated with its working staff. This is especially meant for members of the freshmen class, whose opportunities for ultimate advancement to managing positions are especially great.

There are openings in all departments—news, advertising, circulation. It is especially desired to interest some first year men who can advance rapidly into assistants to the circulation and advertising managers.

Next Tuesday at 1.30 in the lower office of THE TECH the management will meet with any candidates who will come out. The different departments will be described and the men will be given opportunity to select the phase of the work which most interests them.

COSMOPOLITAN CLUB

The election of officers for the Cosmopolitan Club has been set for Saturday, May 9, at an informal dinner to which all members of the club are urged to come. Nomination papers have been sent to all paid-up members. More may be obtained from A. E. B. Hall. Any names omitted from the list should be reported to the Secretary, Turpin Hsi.
ly on the broadening influences and this connection he dwelt particularly, derived from them after graduation. In

The Alumni Baseball team trimmed the Varsity at Chicago the other day.

Mr. Whiting's address at the convention yesterday was admirably adapted to give the students a good working knowledge of the organization and purposes of the Alumni Association and the various local associations, and of the benefits to be derived from them after graduation. In this connection he dwelt particularly on the broadening influences and acquaintances which bring into the life of the young graduate. The only unfortunate part of the affair was the almost complete absence of that element of the student body, taking little or no interest in things outside their technical work, which, taking little or no interest in that element of the student body was the almost complete absence of the students might have remedied this deficiency.

The performance of Tech show to be given tonight at Dana Hall for the benefit of Wellesley College, while it may not be altogether altruistic in motive, is an excellent example of co-operative helpfulness and shows the presence of a spirit of generosity among those traditionally selfish beings, college students.

If you have ever been up North far enough when the snow is over the fence tops, and you can snowshoe it for miles over hill and dale and end up at some lodge where the I-guys are chomping on the hearth—then you know one of the finest opportunities for the companionship of Fatima Cigarettes. The purity and excellence of the tobacco makes this an ideal cigarette for the man of all sports. The famous T's were first started in the college towns, and today they are the biggest selling cigarettes in the U.S.A. Plain, hand-wrapped package, but inside, twenty of the greatest ever.

The Tech is still holding her own place in athletics at the Institute, as was shown in the inter-class meet of last Friday.

Corinelli's fastest man in the four-mile relay triale held in preparation for the Penn carnival covered the mile in 4:43, which is nearly two seconds slower than Gustafson's time in the mile at the interclass meet. Corinelli's slowest man on the team covered the mile in 4:44. The difference of weather conditions undoubtedly slowed up the trials as they were run on an outdoor track in the rain.

Jimmy Powers, the crack B. A. A. miler, is back from Australia, where he cleaned up things in good style and is now working out on the track at Tech Field.

The mile run in the interclass meet showed several points that will have to be covered up before the legiate meets. A little head work goes a good ways towards winning a race.

G. T. Gustafson can be well gratified on winning the cup in the mile for the second time. Considering that he was far from being in his best condition his win is all the more notable.

The contests between Loomis and O'Hara afford quite a little amusement. O'Hara seems to delight in trimming Loomis in the hundred but Loomis gets a good comeback in the 220.

Loomis gets a good comeback in the hundred but O'Hara seems to delight in trimming Loomis in the hundred but Loomis gets a good comeback in the 220.

The contests between Loomis and O'Hara afford quite a little amusement. O'Hara seems to delight in trimming Loomis in the hundred but Loomis gets a good comeback in the 220. It seems too bad that we will not be able to send at least one team to the relay carnival to represent Technology, but the Bowdoin meet will go further to help out the men for the Penn carnival covered the mile in 4:43, which is nearly two seconds slower than Gustafson's time in the mile at the interclass meet. Corinelli's slowest man on the team covered the mile in 4:44. The difference of weather conditions undoubtedly slowed up the trials as they were run on an outdoor track in the rain.

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NOMINATIONS CLOSE FOR CIVILS TODAY

Annual Banquet To Be at the Copely Square Hotel May Seventh.

Nominations for the officers of the Civil Engineering Society for next year close this afternoon at 5 o'clock. Only a few nominations are in yet. The posts should be signed by ten men and turned in to the Cage or given to the Election Committee. The following officers are to be elected:

President, Vice-President, Treasurer, Secretary, and a member of the firm of Metzalf & Eddy, President of the Boston Society of Civil Engineers, Mr. H. P. Eddy, consulting hydraulic engineer. The tickets for the banquet are $2 and they are for sale by the officers of the Society.

PROTECTION AGAINST FIRE IN FACTORIES

(Continued from Page 1.)

MECHANICALS’ BANQUET

Results of Elections Will Be Announced.

The annual banquet of the Mechanical Engineering Society will be held at the American House on Wednesday evening, April the 9th. An attractive menu has been obtained at the nominal sum of $1.25. Mr. Wm. D. Kent, the author of Kent’s Handbook, and a member of the Department of Civil Engineering, will be present and speak to the Society. Prof. Miller, head of the Department of Mechanical Engineering, has also been obtained and the committee in charge of affairs is trying to get other speakers from the faculty as well as men from the outside. Definite information will appear later in the columns of THE TECH.

There will be several musical numbers during the evening which will be supplied by the talent of the Society. The results of the annual elections will also be announced. Tickets are going rapidly and may be obtained from any of the men whose names are below. The banquet will be one of the most successful ever held if the sale of tickets may be taken as a criterion.

The final selection of entries for the Bowdoin meet has been made and the men whose names are below must report, rates or shine, at the Copely Field this afternoon as soon after o’clock as possible. It is very important that all be present to be informed as to the details of the meet. 100-Yard and 220-Yard: Wilson, Wilkins, Loomis. 440-Yard: H. Guebling, Capt.: Pesheke, K. Deen, 880-Yard: Donnelly, D. P. Thompson, Brock. Mile: C. Geething, Benson. 2-Mile: Cook, Graf, Litchfield. High Hurdles: Hult, Foster, Sowall. Lew Hurdles: Hult, Foster, Sowall. Foot Race: Wilson, Wilkins, Bodkin, C. Reed, G. Reid. Polo Vault: Lawson, Knap, W. C. Wood. Shot Put: Leslie, Conway, Hammer; Miller, Conway, Dicoll, Miller.

This constitutes the largest team that Tech has ever sent to another college. The trip will be somewhat of a reward for the faithfulness the men have shown during the spring term. In spite of the large team, every man is capable of making a fine showing.

The men will meet at the North Station at 12.50 tomorrow and will be expected to have had their lunches at that time.

номинации закрыты на должности в обществе гражданских инженеров.

Одним из ведущих мероприятий станет ежегодный банкет, который пройдет в Хьюстоне 7 мая. Он будет организован под эгидой академического общества гражданских инженеров.

Строительство центра сельскохозяйственной науки.

Председатель академического общества гражданских инженеров, мистер Х. П. Эдди, и его ведущий ассистент, мистер Д. П. Темплсон, будут выступать с лекциями на тему "Защита от пожаров на заводах". Эта лекция будет проводиться в ходе ежегодного банкета.

Некоторые факты о заводе, где работал Портер.

После завершения работ по установке оборудования, Портер продолжал совершенствовать различные аспекты производственного процесса. В результате этого были введены новые системы пожарной безопасности, что значительно улучшило ситуацию с безопасностью на заводе.

OLUS COAT CUT UNION SUITS

OLUS Union Suits are made to suit every man and only one size—Union Suit. No strings to tie, no buttoning anywhere—no opening to back, fits perfectly from shoulder to crotch—all fabrics, including knitted. Price from $1.00 to $1.00. At your dealer. Important booklet on request.

OLUS one-piece PAJAMAS for lounging, resting and comfortable sleeping. Made on the same principle as OLUS Union Suits. No strings to tie, can be put on or taken off in a moment. $1.00 to $1.00. For Dealers—Your Wholesale Distributor OLUS.

FIRE IN FACTORIES

Floor was always met by another stream at the landings of the stairways and fire escapes, causing jams which resulted in accident. He found ways and fire escapes, causing jams to the officers of the Society.

After Mr. Porter had perfected this method in his own factory he proceeded to install it in other factories throughout the state. This brought him in touch with a great variety of conditions and gave him the experience which has made him invaluable to the New York State Legislature in passing bills for fire protection.

Mr. Porter showed numerous slides representing very poor fire protection facilities and then in contrast showed diagrams and photographs exhibiting a fire protection equipment of an approved design. The talk was punctuated with many of Mr. Porter’s personal experiences. He told about the factory in New York as well as numerous other factories and buildings where a
TELLS OF WORK DONE
BY ALUMNI COUNCIL

Mr. Whiting, Gives Account of How Graduates Aid Institute.

A large body of students and professors gained a clearer idea of the work of the Alumni Association yesterday. At the Convocation Mr. J. C. Whiting, '78, President of the Association, told of the work which is being done by the organizations of students for the benefit of Technology.

The Association was originally, according to Mr. Whiting, like other organizations of college graduates, chiefly concerned with giving one dinner each year. The dinner usually had a few speeches and some songs, but was rather dull affair.

Things have changed greatly, how the Council has also worked on the problem of reorganizing the Cooperative Society, has suggested new courses for the Institute, and has conducted extensive publicity work in China and South America.

In conclusion, Mr. Whiting gave an account of the work of the Undergraduates and in the general work of the Institute.

Technology spirit is the rock on which the Association is founded. Mr. Whiting said that Tech spirit is hard to define, but that it is something better and higher than the ordinary "college spirit." It holds men together in school and after, and recognizes no caste or class distinction.

Its strength is largely due to the fact that exists between men who have been scientifically trained, men who do things, who are artists in a large sense. One of its tangible results is that it assures to every Tech man, however young he may be, cordial welcome wherever other Tech men are.

The purpose of the Alumni organization is to make this somewhat intangible thing called "spirit" a power for good to Technology and to Tech men. For this purpose it is divided into the central organization, which has general control, and the local clubs formed in different places, from Maine to Manila and Tokio.

The work falls into two parts, the "field" work, and that done at the headquarters.

The purpose of the field work is to keep all graduates in touch with the Institute and the Alumni Association, so that they will be informed of what is going on at their alma mater. To this end all club meetings and other matter relating to the work of Technology are sent out to the secretaries of the local organizations for the information of the members. Speakers are also sent out to dinners given by Tech men all over the country, and even slides are provided for smokers and other entertainments.

The headquarters work consists in cooperating with the Technology Corporation and Faculty to extend the influence of the Institute and improve it in every possible way. The Association has recently established the Alumni Council to consider ways and means of helping the Institute, and to act for the Association.

The body consists of one delegate from each class, and from each local organization, meeting monthly for discussion.

Mr. Whiting gave many examples of the work done by the Alumni through their Council. They have organized campaigns to raise money, and have arranged for the sale of articles and other objects of value.

A large body of students and professors gained a clearer idea of the work of the Institute and its activities, and from each local organization, Mr. Whiting said that Tech spirit is the rock on which the Association is founded.